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POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby appoint:

☒ Practitioners associated with the Customer Number:

32650

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Assignee Name and Address:

Isis Pharmaceuticals Inc.
2292 Faraday Ave
Carlsbad CA, 92008

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	November 1, 2004
Name	B. Anne Marshall	Telephone	760 603 2460
Title	Executive Vice President and Chief Financial Officer		

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



DOCKET NO.: GLIS-0144

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Kuei-Ying Lin and Mark D. Matteucci

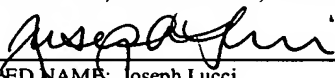
Application No.: 10/080,074

Filing Date: February 21, 2002

For: Pyrimidine Derivatives and Olilonucleotides Containing the Same

DATE OF DEPOSIT:

I HEREBY CERTIFY THAT THIS PAPER IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID, ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.


TYPED NAME: Joseph Lucci
REGISTRATION NO.: 33307

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

STATEMENT UNDER 37 CFR § 3.73(b)

ISIS Pharmaceuticals, Inc., a Corporation of Delaware,

states that it is:

- ☒ the assignee of the entire right, title, and interest; or
☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above.
☐ 1. The assignment was recorded in the Patent and Trademark Office at Reel , Frame(s) .
☐ 2. The assignment has not yet been recorded. A copy of the assignment is attached.

OR

DOCKET NO.:

- 2 -

PATENT

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

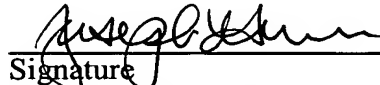
- i. From: Lin, Kuei-Ying and Mark D. Matteucci to: Gilead Sciences, Inc. The document was recorded in the Patent and Trademark Office at Reel 010264, Frame(s) 0325, or for which a copy thereof is attached.
- ii. From: Gilead Sciences, Inc. to: Isis Pharmaceuticals, Inc. The document was recorded in the Patent and Trademark Office at Reel 011211, Frame(s) 0414, or for which a copy thereof is attached.
- iii. From: To: The document was recorded in the Patent and Trademark Office at Reel , Frame(s) , or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned is empowered to act on behalf of the assignee.

Date: DEC. 13, 2004


Signature
Name: Joseph Lucci
Reg. No. 33,307

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